

ATARASHI

Serial No. 10/822,698

Response to Office Action dated July 27, 2006

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AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 1, line 26 with the following amended paragraph:

Currently, at west longitude 101°, 110° and 119° in the sky of the United States, digital broadcasting satellites (DBSs) (~~DSBs~~) are launched. EchoStar (EchoStar is a trademark of EchoStar Communications Corporation, USA), one of service providers of DBS broadcastings in the United States, has obtained broadcasting rights of the satellites at west longitude 110° and 119°, and has been providing satellite broadcastings. Therefore, an LNB that receives polarization signals from such two satellites and converts ~~converting~~ these polarization signals into intermediate frequencies is required.

Please replace the paragraph beginning on page 2, line 22 with the following amended paragraph:

Low-noise amplifier ~~amplifiers~~ 3A receives 119° left-hand polarization signal and performs low-noise amplification thereof. Low-noise amplifier ~~amplifiers~~ 4A receives 119° right-hand polarization signal and performs low-noise amplification thereof. Low-noise amplifier ~~amplifiers~~ 4B receives 110° right-hand polarization signal and performs low-noise amplification thereof. Low-noise amplifier ~~amplifiers~~ 3B receives 110° left-hand polarization signal and performs low-noise amplification thereof.

Please replace the paragraph beginning on page 5, line 27 with the following amended paragraph:

However, with LNB 500 as described above, what is simultaneously transmitted to a tuner through one cable are 119° right-hand polarization signal and 119° left-hand polarization signal, or 110° right-hand polarization signal and 110° left-hand polarization signal.